

## Pedestal Mounted Stinger (Avenger)

### DESCRIPTION

The Avenger system provides the MAGTF with a highly mobile air defense platform that employs Stinger missile against close-in, low-altitude, fixed- and rotary-wing aircraft. The Avenger is a HMMWV-mounted platform capable of the near-simultaneous firing of eight Stinger Missiles via a Standard Vehicle Mounted Launcher and an electronic .50-caliber machine gun. The Avenger employs a gyro-stabilized turret, which allows the operator to shoot both missiles and the .50-caliber machine gun on the move. It also is equipped with Identification Friend or Foe (IFF), a forward-looking infrared set, and a laser range finder. The Avenger will be upgraded, with improvements including the final procurement of the Avenger Fire Control Computer (AFCC) – which replaces the obsolete Avenger Control Electronics – and a conversion to the M1097A2 HMMWV.

### OPERATIONAL IMPACT

The Avenger is employed in the forward area and supports the maneuver style of warfare of the MAGTF. Avenger enhancements allow MAGTFs to fully capitalize on the upgrades to the Block I configuration Stinger Missile and provide increased capabilities against low-aspect angle targets, reactive infrared countermeasures, and targets engaged or in background clutter.

### PROGRAM STATUS

The Avenger is a fully fielded system with upgrades fielding in early FY 2002 and completion scheduled for late FY 2004.

#### PROCUREMENT PROFILE

*AFCC Quantity:*

*FY03*

*FY04*

*M1097A2 conversion:*

*172*

*0*

*FLIR replacement*

*6*

*27*

*0*

*0*

#### DEVELOPER/MANUFACTURER

**AFCC:** Raytheon Missile Systems Corporation

**HMMWV:** AM General